

WHAT IS CLAIMED IS:

1. A carriage securing structure for an image processor which obtains image information of an original by scanning the original while successively changing a position of illumination by moving a light source lamp mounted on a carriage in a casing having a bottom plate, the carriage securing structure comprising:

5 a stop which is captively coupled to the bottom plate of the casing for movement with respect to the bottom plate; and

an engagement member provided in the carriage, wherein the stop and the engagement member can be engaged with and disengaged from each other, such that the carriage is secured while the stop and the engagement member are engaged.

2. The carriage securing structure for an image processor according to claim 1, wherein:
the stop means is a screw; and
the engagement member is a threaded socket into which the screw is threaded.

3. The carriage securing structure for an image processor according to claim 2, wherein:
the screw is a male screw having a guiding portion at a tip portion thereof, the guiding portion being formed by a partial spherical surface; and

5 the threaded socket includes a concave wall provided in the carriage, the concave wall having a generally conical inner surface communicating with a female thread.

4. The carriage securing structure for an image processor according to claim 1, wherein the carriage is a half rate carriage.

5. The carriage securing structure for an image processor according to claim 2, wherein the carriage is a half rate carriage.

6. The carriage securing structure for an image processor according to claim 3, wherein the carriage is a half rate carriage.

7. The carriage securing structure for an image processor according to claim 1, wherein the carriage is a full rate carriage.

8. The carriage securing structure for an image processor according to claim 2, wherein the carriage is a full rate carriage.

9. The carriage securing structure for an image processor according to claim 3, wherein the carriage is a full rate carriage.

10. The carriage securing structure for an image processor according to claim 1, wherein the carriage comprises both a half rate carriage and a full rate carriage.

11. The carriage securing structure for an image processor according to claim 2, wherein the carriage comprises both a half rate carriage and a full rate carriage.

12. The carriage securing structure for an image processor according to claim 3, wherein the carriage comprises both a half rate carriage and a full rate carriage.

13. The carriage securing structure for an image processor according to claim 3 wherein said screw is captively held to said bottom plate by a snap ring.

14. The carriage securing structure for an image processor according to claim 13 wherein said screw has a head and further including a compression spring extending between said bottom plate and said head of said screw.

15. The carriage securing structure for an image processor according to claim 14 wherein said head of said screw is knurled.